

Title (en)

IMPLANTABLE DEVICE FOR PRODUCTION OF INTERLEUKIN-1 RECEPTOR ANTAGONIST

Title (de)

IMPLANTIERBARE VORRICHTUNG ZUR HERSTELLUNG VON INTERLEUKIN-1-REZEPTOR-ANTAGONISTEN

Title (fr)

DISPOSITIF IMPLANTABLE POUR LA PRODUCTION D'ANTAGONISTE DE RÉCEPTEUR D'INTERLEUKINE-1

Publication

EP 2470162 A2 20120704 (EN)

Application

EP 10749582 A 20100827

Priority

- US 23748409 P 20090827
- US 2010046994 W 20100827

Abstract (en)

[origin: WO2011031553A2] Treatments and devices for generating and using interleukin-1 receptor antagonist (IL-1ra). An implantable device is loaded with adipose tissue and/or white blood cells and inserted into an inflammation site in a patient to produce interleukin-1 receptor antagonist in vivo. The implantable device has an enclosed or substantially enclosed body that defines an internal space. At least a portion of the body comprises a first bioresorbable material and a second bioresorbable material is within the internal space along with one or more voids. The second bioresorbable material includes an activation surface to activate adipose tissue and/or white blood cells loaded into the device to produce IL-1ra.

IPC 8 full level

A61K 9/00 (2006.01); **A61K 35/14** (2015.01); **A61K 35/15** (2015.01); **A61K 35/16** (2015.01); **A61K 35/19** (2015.01); **A61K 35/35** (2015.01)

CPC (source: EP US)

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C-Set (source: EP US)

1. **A61K 38/20 + A61K 2300/00**
2. **A61K 35/14 + A61K 2300/00**
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DOCDB simple family (publication)

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